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ABSTRACT

Designed to index the kinds of meaning relationships that children perceive to exist between words and their references, this test consists of 276 pairs comprising 24 categories. For each item of the test, the subjects were asked to rank each pair of statements depending on how well they thought the words on the left were described. Content validity for the test was established by devising five logical groupings of categories and by having five judges place 120 items in the appropriate category. The extent of agreement among judges and between judges ranged from .80 to .95. The range in correlations between tests was .67 to .82, with a mean of .73. [This document is one of those reviewed in The Research Instruments Project (TRIP) monograph "Measures for Research and Evaluation in the English Language Arts" to be published by the Committee on Research of the National Council of Teachers of English in cooperation with the ERIC Clearinghouse on Reading and Communication Skills. A TRIP review which precedes the document lists its title, author, date, and age range (intermediate, junior high), and describes the instrument's purpose and physical characteristics.] (JM)

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The Research Instruments Project (TRIP)

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Category:

Title: "Semantic Features Test"

Author: Peter O. Evanechko

Age Range: Intermediate, Junior High

Description of the Instrument:

Purpose-- To index the kinds of meaning relationships children perceive to exist between words and their referents.

Date of Construction-- 1970

Physical Description-- This test consists of 276 pairs comprising twenty-four categories and examples are as follows:

Children s Meaning Space

Children's Meaning Categories

1. Synonym. The members of each word pair have exactly or very nearly the same referent:

e.g. big--large
steal--rob

2. Similarity. The members of each word pair are similar through being aligned on some dimension, with the referent of the right hand member occupying a more extreme position on this dimension:

e.g. small--tiny
hungry--starving

3. Supraordinate. The left-hand member denotes a common class of which the right-hand concept is a member:

e.g. bird--sparrow
fruit--apple

4.Coordinate. The members of each pair refer to familiar members of a familiar class:

e.g. chair--table
beets--peas

5.Attribute. The right-hand member of each pair refers to a quality or attribute generally recognized as characterizing the object denoted by the left-hand member:

e.g. lemon--sour
turtle--slow

6.Contrast. The members of each word pair refer to opposite ends of a continuum:

e.g. hard--easy
loud--soft

7.Action-of. The right-hand member of each pair is an intransitive verb denoting concrete action associated with and performed by the agent referred to by the left-hand member:

e.g. dog--bark
baby--cry

8.Action-upon. The left-hand member of each pair is a transitive verb denoting a concrete action associated with and performed upon the object referred to by the right-hand member:

e.g. sweep--floor
throw--ball

9.Whole-part. The right-hand member of each pair refers to a familiar object recognized as important parts of a familiar whole denoted by the left-hand member:

e.g. bird--wing
hand--finger

10.Part-part. The members of each pair refer to familiar objects which are parts of a familiar whole:

e.g. wall--floor
arm--head

11.Common use. The right-hand member of each pair denotes an object associated with and acted upon by the agent referred to by the left-hand member:

e.g. farmer--tractor
dog--bone

12.Use of. The right-hand member of each unit denotes a use made of the left-hand member:

e.g. orange--you eat it
envelope--you put letters in it

13.Repetition. The right-hand member of each unit is a repetition of the concept referred to by the left-hand member:

e.g. drink--you drink water
tap--you tap on the wall

14.Contiguity. The left-hand member of the unit is defined by direct concrete interaction of place, time or activity with the right-hand member:

e.g. apple--grows on a tree
late--you can see by the clock

15.Free association. The members of the unit are free associates:

e.g. carry--heavy
enjoy--fun

16.Connotation. The right-hand member of each pair connotes a relationship with the left-hand member:

e.g. royal--strong
modern--good

17.Analysis. The right-hand member is an analysis of the left-hand member indicating certain dimensions of function of this concept:

e.g. rule--having power over people
lengthen--make a thing longer by adding to it

18.Synthesis. The right-hand member defines the left-hand member by stating its relation with other concepts commonly associated with it:

e.g. acorns--from an oak tree
bunk--it has two levels

19.Extension of a class (Implication). The right-hand member of the unit gives examples of concepts to which the left-hand member might refer implying a degree of familiarity with the concept:

e.g. bugs--insects and flies
farming--crops and animals

20.Denotation in Context. The left-hand member is defined by use in context:

e.g. sharpen--sharpen the knife till it cuts well

21.Ostensive Definition. The right-hand member defines the left-hand member largely on the basis of experience:

e.g. tickle--you make someone laugh
selfish--all for yourself

22.Generic Definitions. The right-hand member denotes the common class to which the left-hand member belongs:

e.g. kindle--burn
cup--dinnerware

23.Class membership implied. The right-hand phrase attempts to bridge the gap between general and specific by using phrases such as "a kind of," "sort of" or "like a":

e.g. cone--like an ice-cream cone
stool--like a chair

24.Intension of a class (Genus et Differentia). The right-hand member states the class as well as the distinguishing features of the left-hand member:

e.g. sipped--drank a little at a time
notice--see and remember

For each item of the test, the subjects were asked to rank each pair of statements depending on how well they thought the words on the left were described. The pairs were to be ranked by having the children fill in the space on the answer sheet that stood for the word or statement

they thought was closer in meaning to the word it described and by leaving blank the space that stood for the word or statement they thought was not as close.

TEST

1. a. _____ unwashed - dirty

   b. _____ yell - scream

2. a. _____ moving - stepping

   b. _____ poppy - daisy

51. a. _____ horseshoe - hard

   b. _____ rejoice - feel sad

52. a. _____ amaze - you amaze me

   b. _____ cowhide - comes from cattle

ANSWER SHEET

1.	a	b		51.	a	b	
2.	a	b		52.	a	b	

Validity, Reliability, and Normative Data:

The test was administered to 266 pupils - 133 in grade five and 133 in grade eight. The means for each grade, respectively, were 158.87 and 162.47. Content validity for the test was established by devising five logical groupings of

categories and by having five judges place 120 items in the appropriate category. The extent of agreement among judges and between judges ranged from .80 to .95. To determine the suitability of items for the various definitions in each category, the items were judged in terms of the definitions by five other people. Construct validity is claimed on the basis of the results of a pilot study. Data obtained indicated general confirmation of the theoretical position and the assumption upon which the test was constructed. The reliability coefficients based on the KR-20 formula and based on the data of the pilot study were .88, .85, and .86 for subjects in grade four, five and six, respectively. A further check on reliability was made by selecting a random sample of 38 subjects from the pilot study and re-administering the test after a period of approximately one and one half months. The range in correlations between tests was .67 to .82, with a mean of .73. The correlations were considered adequate since the test was designed to measure a chaning characteristic.

Ordering Information: EDRS

Related Documents:

Evanechko, Peter O. The Dimensions of Children's Meaning Space. Unpublished Doctoral Dissertation. The University of Alberta, Edmonton, Alberta, 1970.

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Peter O. Evanechko
"Semantic Features Test"
1970

THE SEMANTIC FEATURES TEST

NAME _____ _____
last first

GRADE _____ AGE _____ _____
years months

SCHOOL _____

DATE _____

PREPARED BY
DR. P. O. EVANECHKO

SEMANTIC FEATURES TEST

Directions to the Student:

This is a test to find out how you look at the meanings of words. You will be given many pairs of statements made up of words and their meanings. These meanings will be of many different kinds. For example some words will be put together with their opposites, such as "hot - cold". Others will be matched with single words which could take their place, such as "car - automobile". Still others will be described, such as "skill - being able to do something well". There will be many other such statements. You will be asked to rank each pair of statements depending on how well you think the words on the left are described. These pairs are to be ranked by filling in the space on the answer sheet that stands for the word or statement you think is closer in meaning to the word it describes and leaving blank the space that stands for the word or statement you think is not as close. There is no one best way to answer these questions. We simply want to see what you think are the best ways of giving meanings of words. Remember you are to compare the different ways you can give meanings for words. Do not worry whether the word has a complete meaning since each word is described in a different way. Think only of the kind of meaning given for each word and choose the one which is nearer what you think the word means in each pair of statements.

Here is an example of what one ranking might look like:

TEST

1. a. ___ big - large

   b. ___ cone - like an ice-cream cone

ANSWER SHEET

1. [redacted] b

Be sure to carefully fill in only one space for each question.

S A M P L E

You will be asked to do this test by placing marks on answer sheets. Here are some questions for you to use in practicing the marking of the answer sheets. Your teacher will check your marking.

TEST

1. a. ____ unwashed - dirty
   b. ____ yell - scream

2. a. ____ moving - stepping
   b. ____ poppy - daisy

51. a. ____ horseshoe - hard
    b. ____ rejoice - feel sad

52. a. ____ amaze - you amaze me
    b. ____ cowhide - comes from cattle

101. a. ____ satisfy - to fill the wishes of someone
     b. ____ skull - bones and skeleton

102. a. ____ travel - when you go someplace
     b. ____ better - goodness

ANSWER SHEET

1. a b	51. a b	101. a b	151. a b
2. a b	52. a b	102. a b	152. a b

1. a. ___ big - large
   b. ___ small - tiny

2. a. ___ hungry - starving
   b. ___ bird - robin

3. a. ___ fruit - apple
   b. ___ chair - table

4. a. ___ beets - peas
   b. ___ lemon - sour

5. a. ___ turtle - slow
   b. ___ hard - easy

6. a. ___ loud - soft
   b. ___ dog - bark

7. a. ___ baby - cry
   b. ___ sweep - floor

8. a. ___ throw - ball
   b. ___ bird - wing

9. a. ___ hand - finger
   b. ___ wall - floor

10. a. ___ arm - head
    b. ___ dog - bone

11. a. ___ farmer - tractor
    b. ___ orange - for eating

12. a. ___ envelope - for putting letters in
    b. ___ drink - a drink of water

13. a. ___ tap - a tap on the wall
    b. ___ apple - grows on a tree

14. a. ___ late - you can see by the clock
    b. ___ carry - heavy

15. a. ___ enjoy - fun
    b. ___ royal - strong

16. a. ___ modern - good
    b. ___ rule - to control people

17. a. ___ lengthen - make a thing longer
    b. ___ cones - from a pine

18. a. ___ bunk - it has two levels
    b. ___ bugs - beetles or flies

19. a. ___ farming - crops and animals
    b. ___ sharpen - sharpen the knife till it cuts well

20. a. ___ bitten - bitten by a snake
    b. ___ tickle - you make someone laugh

21. a. ___ selfish - all for yourself
    b. ___ scorch - burn

22. a. ___ cup - dishes
    b. ___ cone - like an ice-cream cone

23. a. ___ stool - a sort of chair
    b. ___ sipped - drank a little at a time

24. a. ___ notice - see and remember
    b. ___ steal - rob

25. a. ___ equal - same
    b. ___ vegetable - carrot

26. a. ___ good - better
    b. ___ knife - fork

27. a. ___ industry - factory
    b. ___ elephant - heavy

28. a. ___ necklace - earrings
    b. ___ wet - dry

29. a. ___ diamonds - expensive
    b. ___ hockey player - skate

30. a. ___ unhealthy - well
    b. ___ play - piano

31. a. ___ crocodile - swim
    b. ___ face - eye

32. a. ___ eat - apple
    b. ___ door - window

33. a. ___ book - page
    b. ___ cripple - crutch

34. a. ___ hand - leg
    b. ___ scissors - for cutting

35. a. ___ student - pencil
    b. ___ ring - ring the bell

36. a. ___ shotgun - for shooting
    b. ___ stove - found in a kitchen

37. a. ___ approach - approach the door
    b. ___ happen - did

38. a. ___ cartoon - found in comics
    b. ___ incorrect - bad

39. a. ___ listen - quiet
    b. ___ loosen - to make less tight

40. a. ___ immovable - strong
    b. ___ community - it has many people

41. a. ___ memorize - learn and remember something
    b. ___ seaman - ships and sailing

42. a. ___ fruit - from an orchard
    b. ___ enlarge - enlarge the hole with this shovel

43. a. ___ alphabet - A, B, C
    b. ___ unfasten - you undo something

44. a. ___ invent - invent a new machine
    b. ___ water - liquid

45. a. ___ unlock - when you open the lock
    b. ___ boar - a kind of pig

46. a. ___ pork - food
    b. ___ advice - helpful information

47. a. ___ refreshments - like something to eat
    b. ___ vacant - empty

48. a. ___ album - book for pictures
    b. ___ smile - laugh

49. a. ___ active - lively
    b. ___ sweater - jacket

50. a. ___ cool - cold
    b. ___ flame - hot

51. a. ___ animal - deer
    b. ___ hot - cold

52. a. ___ pipe - cigar
    b. ___ lion - roar

53. a. ___ whale - large
    b. ___ chew - gum

54. a. ___ strong - weak
    b. ___ shoe - heel

55. a. ___ rabbit - hop
    b. ___ pedal - handlebars

56. a. ___ wash - hands
    b. ___ baby - rattle

57. a. ___ tree - branch
    b. ___ acid - for eating things away

58. a. ___ collar - sleeve
    b. ___ believe - believe in it

59. a. ___ carpenter - nail
    b. ___ comma - placed in a sentence

60. a. ___ ankle - for joining foot to leg
    b. ___ prepare - ready

61. a. ___ borrow - borrow something from him
    b. ___ fantastic - dangerous

62. a. ___ farmhouse - where farmer lives
    b. ___ mention - talk to others about something

63. a. ___ sit - down
    b. ___ airline-- it has passenger planes

64. a. ___ unequal - bad
    b. ___ baggage - suitcases and packages

65. a. ___ shortly - happening in a little while
    b. ___ shiver - shake and shiver in the cold

66. a. ___ bait - it attracts animals
    b. ___ brag - you talk about yourself

67. a. ___ furniture - chairs or tables
    b. ___ basketball - game

68. a. ___ beyond - he went beyond the fence
    b. ___ arctic - like the north

69. a. ___ convince - you talk a person into believing
    b. ___ alphabet - set of letters

70. a. ___ perch - a fish
    b. ___ adult - grown up

71. a. ___ bomber - a kind of large airplane
    b. ___ damp - wet

72. a. ___ gizzard - bird's second stomach
    b. ___ furniture - sofa

73. a. ___ usual - regular
    b. ___ icecube - cold

74. a. ___ comfortable - very satisfied
    b. ___ tall - short

75. a. ___ building - skyscraper
    b. ___ cat - purr

76. a. ___ statue - painting
    b. ___ eat - bread

77. a. ___ mouse - small
    b. ___ bicycle - wheel

78. a. ___ old - young
    b. ___ headlight - brake

79. a. ___ bandit - rob
    b. ___ soldier - rifle

80. a. ___ wear - blouse
    b. ___ blanket - for covering

81. a. ___ house - window
    b. ___ brighten - brighten the color

82. a. ___ foot - knee
    b. ___ farmyard - land surrounding a farmhouse

83. a. ___ shoemaker - boots
    b. ___ belong - yours

84. a. ___ bumper - for protecting a car
    b. ___ certain - good

85. a. ___ beautify - beautify the room
    b. ___ amuse - make smile and laugh

86. a. ___ pianist - plays in a band
    b. ___ bumper - part of car

87. a. ___ deceive - receive
    b. ___ cosmetics - lipstick and powder

88. a. ___ unprotected - weak
    b. ___ shrink - shrink it down to size

89. a. ___ arrest - to take prisoner for wrongdoing
    b. ___ brave - when you show courage

90. a. ___ stub - part of ticket
    b. ___ beetle - insect

91. a. ___ crime - stealing or killing
    b. ___ dictionary - sort of a word book

92. a. ___ dock - dock the ship at the pier
    b. ___ canal - man-made river

93. a. ___ drift - when you float along
    b. ___ troubled - worried

94. a. ___ window - glass
    b. ___ bold - very brave

95. a. ___ bulldog - a kind of dog
    b. ___ farm - field

96. a. ___ grandparents - parents of parents
    b. ___ oats - wheat

97. a. ___ awkward - clumsy
    b. ___ deep - shallow

98. a. ___ good - expert
    b. ___ hunter - shoot

99. a. ___ fish - salmon
    b. ___ blow - harmonica

100. a. ___ pistol - rifle
     b. ___ foot - toe

101. a. ___ plains - flat
     b. ___ hoof - tail

102. a. ___ early - late
     b. ___ pilot - airplanes

103. a. ___ horse - gallop
     b. ___ stereo - for playing records

104. a. ___ paint - picture
     b. ___ arrange - arrange all the pieces

105. a. ___ flashlight - battery
     b. ___ bomb - dropped on targets in battle

106. a. ___ propeller - motor
     b. ___ bitter - sour

107. a. ___ doctor - drug
     b. ___ great - strong

108. a. ___ bank - for saving money
     b. ___ moan - to make a low sound as in pain

109. a. ___ assemble - assemble the parts
b. ___ fishhook - it is attached to a line and rod

110. a. ___ suitcase - found in trains and planes
b. ___ merchant - buys and sells

111. a. ___ bright - light
b. ___ sneak - quietly sneak away

112. a. ___ harmless - soft
b. ___ blast - something which explodes at you

113. a. ___ combine - put things together in groups
b. ___ chisel - tool

114. a. ___ egg - from a chicken
b. ___ globe - like a ball

115. a. ___ romance - love and kisses
b. ___ glance - look at quickly

116. a. ___ soften - pound the piece to soften it
b. ___ breezy - windy

117. a. ___ vanish - you see it disappear
b. ___ trained - highly educated

118. a. ___ giraffe - animal
b. ___ planet - Mars

119. a. ___ elastic - like rubber
b. ___ ring - bracelet

120. a. ___ nostril - opening in the nose
b. ___ skeleton - brittle

121. a. ___ uncooked - raw
b. ___ insect - crawl

122. a. ___ slim - skinny
b. ___ report - news

123. a. ___ science - chemistry
b. ___ eyelid - eyelash

124. a. ___ lantern - flashlight
b. ___ fins - gills

125. a. ___ icebox - cold
b. ___ pupil - scribbler

126. a. ___ serious - funny
b. ___ camera - for taking pictures

127. a. ___ baby-sitter - watch
b. ___ attach - attach the ends together

128. a. ___ shorten - dress
b. ___ electricity - carried by wires

129. a. ___ ship - anchor
b. ___ hard - rock

130. a. ___ window - roof
b. ___ pleasing - soft

131. a. ___ baker - bread
b. ___ murmer - whisper to someone

132. a. ___ galoshes - for wearing on your feet
b. ___ sparkplug - it has to do with the motor

133. a. ___ attract - attract his attention
b. ___ sculpture - statues or stone animals

134. a. ___ scientist - works in a laboratory
b. ___ stolen - stolen by robbers from the bank

135. a. ___ high - up
b. ___ wade - you walk in the water

136. a. ___ playful - good
b. ___ cinnamon - flavoring

137. a. ___ openly - do in plain sight
b. ___ grove - like a small woods

138. a. ___ fuel - it burns in a stove
b. ___ blink - open and close eye quickly

139. a. ___ community - people and homes
b. ___ disgraceful - shameful

140. a. ___ support - it can support the weight
b. ___ jump - leap

141. a. ___ sign - you write your name
b. ___ flavoring - vanilla

142. a. ___ poplar - tree
b. ___ newspaper - magazine

143. a. ___ silvery - like silver
b. ___ peacock - colorful

144. a. ___ doughnut - small cake with hole
b. ___ splendid - awful

145. a. ___ hurriedly - speedily
b. ___ sing - song

146. a. ___ nice looking - beautiful
b. ___ body - belly

147. a. ___ footwear - slipper
b. ___ cup - bowl

148. a. ___ pencil - pen
b. ___ scientist - microscope

149. a. ___ mountain - immovable
b. ___ horse - for riding

150. a. ___ here - there
b. ___ beat - beat the others

151. a. ___ beaver - dive
b. ___ paddle - moves a canoe

152. a. ___ attack - enemy
b. ___ pleasant - happy

153. a. ___ shotgun - trigger
b. ___ disloyal - bad

154. a. ___ yolk - eggshell
b. ___ invent - develop something new

155 a. ___ logger - timber
b. ___ thunderstorm - it brings clouds and rain

156. a. ___ dice - for playing games
b. ___ dairying - milk and butter

157. a. ___ bravely - act bravely
b. ___ surrender - surrender or be caught and killed

158. a. ___ basement - goes under the house
b. ___ interfere - when you get in the way

159. a. ___ slow - turtle
b. ___ hippopotamus - animal

160. a. ___ dishonest - bad
b. ___ liquid - like water

161. a. ___ perform - to act out a part
b. ___ cider - apple juice

162. a. ___ playpen - a baby's toys are found there
b. ___ singly - alone

163. a. ___ motor - gas and oil
b. ___ under - far below

164. a. ___ disobey - don't disobey, do as I say
b. ___ musical instrument - guitar

165. a. ___ eagerly - you act because you like it
b. ___ mosquito - fly

166. a. ___ mosquito - insect
b. ___ mystery - strange

167. a. ___ reflect - sort of give off light
b. ___ upward - downward

168. a. ___ coast - edge of land by an ocean
b. ___ housekeeper - cleans

169. a. ___ surely - definitely
b. ___ eyeglass - lens

170. a. ___ well - perfectly
b. ___ caboose - boxcar

171. a. ___ metal - gold
b. ___ sailor - ship

172. a. ___ scarf - mittens
b. ___ magnet - for picking up iron

173. a. ___ swamp - wet
b. ___ often - too often is too much

174. a. ___ somewhere - nowhere
b. ___ pebble - found lying on the ground

175. a. ___ blade - cut
b. ___ safely - home

176. a. ___ love - friends
b. ___ unafraid - good

177. a. ___ broom - handle
b. ___ practice - do again and again

178. a. ___ lung - heart
b. ___ cookbook - it has many recipes

179. a. ___ waiter - menu
b. ___ jewel - diamond or ruby

180. a. ___ saw - for cutting
b. ___ thicken - thicken the gravy by adding more flour

181. a. ___ quote - quote the words
b. ___ perform - when you do something

182. a. ___ train - runs on rails
b. ___ mushroom - plant

183. a. ___ obey - yes
b. ___ memorize - sort of learn

184. a. ___ unborn - soft
b. ___ brand - special mark

185. a. ___ pretend - make-believe that something is real
b. ___ hard - difficult

186. a. ___ musician - he has an instrument
b. ___ gradually - at once

187. a. ___ jewelry - rings and bracelets
b. ___ human - boy

188. a. ___ through - it went through the window
b. ___ comma - period

189. a. ___ upstairs - when you climb the stairs
b. ___ germ - invisible

190. a. ___ pamphlet - book
b. ___ first - last

191. a. ___ lodge - like another home
b. ___ children - play

192. a. ___ aspirin - drug for curing headaches
b. ___ roam - road

193. a. ___ sadly - unhappily
b. ___ burner - oven

194. a. ___ idly - lazily
b. ___ jeweler - ring

195. a. ___ grandparents - grandfather
b. ___ eyeglass - for helping to see better

196. a. ___ red - green
b. ___ mash - mash it down

197. a. ___ cartoon - funny
b. ___ mathematics - working with numbers

198. a. ___ longer - shorter
b. ___ sadly - tear

199. a. ___ pickpocket - steal
b. ___ uncertain - weak

200. a. ___ celebrate - birthday
b. ___ earning - working to make money

201. a. ___ book - chapter
b. ___ shampoo - it has suds

202. a. ___ bulb - switch
b. ___ business - stores and garages

203. a. ___ thinker - ideas
b. ___ trample - crush and trample the grass down

204. a. ___ suitcase - for travelling
b. ___ elect - when you choose by voting

205. a. ___ begin - begin at the beginning
b. ___ moth - insect

206. a. ___ dock - where ship ties up
b. ___ grin - a kind of smile

207. a. ___ usually - quickly
b. ___ beaver - small furred animal

208. a. ___ confess - good
b. ___ again - once more

209. a. ___ refund - return money
b. ___ great - excellent

210. a. ___ education - it needs schools and teachers
b. ___ crowd - man

211. a. ___ juggle - toss and flip
b. ___ oranges - apples

212. a. ___ cheaply - buying cheaply saves money
b. ___ arctic - cold

213. a. ___ wander - you walk here and there
b. ___ excellent - terrible

214. a. ___ apple - fruit
b. ___ cripple - limp

215. a. ___ clam - a kind of shellfish
b. ___ rejoin - group

216. a. ___ bomb - explosive material
b. ___ grain - oats

217. a. ___ whole - complete
b. ___ postmaster - mail

218. a. ___ often - hourly
b. ___ multiplication - for use in arithmetic

219. a. ___ flower - rose
b. ___ blind - a blind person

220. a. ___ breakfast - supper
b. ___ here - in this place

221. a. ___ hail - cold
b. ___ believe - tell

222. a. ___ later - earlier
b. ___ unexpected - good

223. a. ___ borrower - ask
b. ___ order - tell others to obey

224. a. ___ test - skills
b. ___ grain - from fields of crops

225. a. ___ violet - petal
b. ___ appearance - face and clothing

226. a. ___ trigger - barrel
b. ___ attack - soldiers attack the enemy

227. a. ___ plumber - wrench
b. ___ frequently - you do it often

228. a. ___ spool - for winding thread on
b. ___ oyster - shellfish

229. a. ___ blond - a blond girl
b. ___ jigsaw - a kind of puzzle

230. a. ___ iceberg - floats in the ocean
b. ___ bloodhound - breed of dog

231. a. ___ gleam - bright
b. ___ frequently - often

232. a. ___ unclean - bad
b. ___ long - stretched out

233. a. ___ outstanding - important work
b. ___ dog - collie

234. a. ___ knife - it has a blade
b. ___ cap - hat

235. a. ___ flavoring - vanilla and strawberry
b. ___ cliff - rocky

236. a. ___ finally - at last he finally went
b. ___ perfectly - poorly

237. a. ___ completely - you finish your work
b. ___ fire - burn

238. a. ___ daffodil - flower
b. ___ graze - grass

239. a. ___ rodeo - a kind of contest
b. ___ stream - rapids

240. a. ___ whisper - soft sound
b. ___ engine - boxcar

241. a. ___ seldom - not often
b. ___ shingles - for covering a roof

242. a. ___ trot - gallop
b. ___ bloody - a bloody knife

243. a. ___ direction - south
b. ___ branch - where the river divides

244. a. ___ doughnut - muffin
b. ___ crazily - dance

245. a. ___ liguid - wet
b. ___ unexplored - dangerous

246. a. ___ sooner - later
b. ___ quit - to stop

247. a. ___ stream - gurgle
b. ___ cobweb - from a spider

248. a. ___ crack - egg
b. ___ mine - dig and burrow

249. a. ___ envelope - flap
b. ___ forward - moving forward he advanced

250. a. ___ page - cover
b. ___ yawn - you open your mouth sleepily

251. a. ___ Indian - tomahawk
b. ___ submarine - ship

252. a. ___ blotter - for drying ink
b. ___ speedily -- sort of quickly

253. a. ___ bold - a bold man
b. ___ garage - a building for cars

254. a. ___ bracelet - hangs at the wrist
b. ___ cheerfully - happily

255. a. ___ swift - fast
b. ___ soon - immediately

256. a. ___ love - good
b. ___ dessert - pie

257. a. ___ roam - to wander about
b. ___ shoes - boots

258. a. ___ iceberg - from a glacier
b. ___ cracker - crisp

259. a. ___ skeleton - bones and skull
b. ___ singly - as a group

260. a. ___ generally - generally it is so
b. ___ dice - roll

261. a. ___ sometimes - you do it now and then
b. ___ bake - bread

262. a. ___ grizzly - bear
b. ___ triangle - angle

263. a. ___ horsefly - sort of a large fly
b. ___ handle - spout

264. a. ___ lullaby - song for putting a baby to sleep
b. ___ banker - money

265. a. ___ gradually - slowly
b. ___ brand-new - a brand-new car

266. a. ___ badly - terribly
b. ___ sliver - sticks in your finger

267. a. ___ game - football
b. ___ thirsty - hungry

268. a. ___ bulldog - husky
b. ___ unkind - hard

269. a. ___ runway - long
b. ___ sufficiently - having done enough

270. a. ___ silently - noisily
b. ___ cider - from apples

271. a. ___ antelope - leap
b. ___ boating - sailing or rowing

272. a. ___ borrow - money
b. ___ boost - boost it up to the top

273. a. ___ album - picture
b. ___ gladly - you do something because you want to

274. a. ___ pocket - button
b. ___ vest - suit

275. a. ___ teacher - chalk
b. ___ opera - a kind of music

276. a. ___ ambulance - for carrying sick people
b. ___ lumber - wood for building

Semantic Features Test
Sequence of Items

Question No.	Category Pairs	Question No.	Category Pairs	Question No.	Category Pairs
1	1 - 2	32	8 - 10	63	15 - 18
2	2 - 3	33	9 - 11	64	16 - 19
3	3 - 4	34	10 - 12	65	17 - 20
4	4 - 5	35	11 - 13	66	18 - 21
5	5 - 6	36	12 - 14	67	19 - 22
6	6 - 7	37	13 - 15	68	20 - 23
7	7 - 8	38	14 - 16	69	21 - 24
8	8 - 9	39	15 - 17	70	22 - 1
9	9 - 10	40	16 - 18	71	23 - 2
10	10 - 11	41	17 - 19	72	24 - 3
11	11 - 12	42	18 - 20	73	1 - 5
12	12 - 13	43	19 - 21	74	2 - 6
13	13 - 14	44	20 - 22	75	3 - 7
14	14 - 15	45	21 - 23	76	4 - 8
15	15 - 16	46	22 - 24	77	5 - 9
16	16 - 17	47	23 - 1	78	6 - 10
17	17 - 18	48	24 - 2	79	7 - 11
18	18 - 19	49	1 - 3	80	8 - 12
19	19 - 20	50	2 - 5	81	9 - 13
20	20 - 21	51	3 - 6	82	10 - 14
21	21 - 22	52	4 - 7	83	11 - 15
22	22 - 23	53	5 - 8	84	12 - 16
23	23 - 24	54	6 - 9	85	13 - 17
24	24 - 1	55	7 - 10	86	14 - 18
25	1 - 3	56	8 - 11	87	15 - 19
26	2 - 4	57	9 - 12	88	16 - 20
27	3 - 5	58	10 - 13	89	17 - 21
28	4 - 6	59	11 - 14	90	18 - 22
29	5 - 7	60	12 - 15	91	19 - 23
30	6 - 8	61	13 - 16	92	20 - 24
31	7 - 9	62	14 - 17	93	21 - 2

Question No.	Category Pairs	Question No.	Category Pairs	Question No.	Category Pairs
94	22 - 2	125	5 - 11	156	12 - 19
95	23 - 3	126	6 - 12	157	13 - 20
96	24 - 4	127	7 - 13	158	14 - 21
97	1 - 6	128	8 - 14	159	15 - 22
98	2 - 7	129	9 - 15	160	16 - 23
99	3 - 8	130	10 - 16	161	17 - 24
100	4 - 9	131	11 - 17	162	18 - 1
101	5 - 10	132	12 - 18	163	19 - 2
102	6 - 11	133	13 - 19	164	20 - 3
103	7 - 12	134	14 - 20	165	21 - 4
104	8 - 13	135	15 - 21	166	22 - 5
105	9 - 14	136	16 - 22	167	23 - 6
106	10 - 15	137	17 - 23	168	24 - 7
107	11 - 16	138	18 - 24	169	1 - 9
108	12 - 17	139	19 - 1	170	2 - 10
109	13 - 18	140	20 - 2	171	3 - 11
110	14 - 19	141	21 - 3	172	4 - 12
111	15 - 20	142	22 - 4	173	5 - 13
112	16 - 21	143	23 - 5	174	6 - 14
113	17 - 22	144	24 - 6	175	7 - 15
114	18 - 23	145	1 - 8	176	8 - 16
115	19 - 24	146	2 - 9	177	9 - 17
116	20 - 1	147	3 - 10	178	10 - 18
117	21 - 2	148	4 - 11	179	11 - 19
118	22 - 3	149	5 - 12	180	12 - 20
119	23 - 4	150	6 - 13	181	13 - 21
120	24 - 5	151	7 - 14	182	14 - 22
121	1 - 7	152	8 - 15	183	15 - 23
122	2 - 8	153	9 - 16	184	16 - 24
123	3 - 9	154	10 - 17	185	17 - 1
124	4 - 10	155	11 - 18	186	18 - 2

Question No.	Category Pairs	Question No.	Category Pairs	Question No.	Category Pairs
187	19 - 3	218	2 - 12	249	9 - 20
188	20 - 4	219	3 - 13	250	10 - 21
189	21 - 5	220	4 - 14	251	11 - 22
190	22 - 6	221	5 - 15	252	12 - 23
191	23 - 7	222	6 - 16	253	13 - 24
192	24 - 8	223	7 - 17	254	14 - 1
193	1 - 9	224	8 - 18	255	15 - 2
194	2 - 11	225	9 - 19	256	16 - 3
195	3 - 12	226	10 - 20	257	17 - 4
196	4 - 13	227	11 - 21	258	18 - 5
197	5 - 14	228	12 - 22	259	19 - 6
198	6 - 15	229	13 - 23	260	20 - 7
199	7 - 16	230	14 - 24	261	21 - 8
200	8 - 17	231	15 - 1	262	22 - 9
201	9 - 18	232	16 - 2	263	23 - 10
202	10 - 19	233	17 - 3	264	24 - 11
203	11 - 20	234	18 - 4	265	1 - 12
204	12 - 21	235	19 - 5	266	2 - 14
205	13 - 22	236	20 - 6	267	3 - 15
206	14 - 23	237	21 - 7	268	4 - 16
207	15 - 24	238	22 - 8	269	5 - 17
208	16 - 1	239	23 - 9	270	6 - 18
209	17 - 2	240	24 - 10	271	7 - 19
210	18 - 3	241	1 - 11	272	8 - 20
211	19 - 4	242	2 - 13	273	9 - 21
212	20 - 5	243	3 - 14	274	10 - 22
213	21 - 6	244	4 - 15	275	11 - 23
214	22 - 7	245	5 - 16	276	12 - 24
215	23 - 8	246	6 - 17		
216	24 - 9	247	7 - 18		
217	1 - 10	248	8 - 19		